

Fused PM Fiber Attenuator



Product Features

- Low Excess Loss
- High Power Handling
- Telcordia GR-1221 Compliant Test

Product Applications

- Optical Amplifiers
- Power Monitoring
- Coherent Communication
- Fiber Gyroscope

Specifications

Parameter		Unit	Premium	A grade	Premium	A grade
Port Configuration			1x1			
Central Wavelength		nm	780, 830, 850,980, 1030,1064		1310, 1480, 1550, 2000	
Bandwidth		nm	±20			
Excess Loss	Typ.	dB	0.5	0.6	0.4	0.6
Excess Loss	Max.	dB	0.7	0.8	0.6	0.8
Polarization Extinction Ratio	Min.	dB	18	16	20	17
Operating power	Max.	W	2			
Operating Temperature		°C	-40 to +85			
Storage Temperature		°C	-50 to +85			
Package Type		mm	S6=Ø3x54 / S8=Ø3x70 / M1=9x16x90			

All specifications are before connectors. PER is 2dB lower and EL is 0.2dB higher after connectors.

Insertion Loss & Its Tolerance

Insertion Loss(dB)	Insertion Loss Tolerance (dB)		PER for 780~1064nm (dB)		PER for 1310~2000nm (dB)	
	Premium	A grade	Premium	A grade	Premium	A grade
1	±0.1	±0.2	18	16	20	17
2	±0.2	±0.3	18	16	20	17
3	±0.3	±0.4	18	16	20	17
5	±0.7	±0.8	18	16	20	17
10	±1.0	±1.2	18	16	20	17
15	±1.8	±2.2	16	14	18	15
20	±2.5	±3.0	0	0	0	0
30	±3.0	±4.0	0	0	0	0

Ordering Information

P	M	F	O	A							
Wavelength	4=1550nm	5=1480nm	7=1310nm	8=1064nm	R=1030nm	9=980nm	A=850nm	K=830nm	L=780nm	P=2000nm	S=Specify
Insertion Loss	01=1.0dB	02=2.0dB	03=3.0dB	05=5.0dB	10=10dB	15=15dB	20=20dB	30=30dB			
Grade	P=Premium	A=A grade									
Package	5=S6 with 250µm bare fiber pigtail	7=S8 with 0.9mm loose tube	D=M1 with 3mm cable								
Fiber Type	E=Panda fiber	L=Large mode area panda fiber									
Fiber Length	0=0.5m	1=0.75m	2=1.0m	3=1.5m	4=2.0m	S=Specify					
Connector	0=None	1=F C/PC	2=F C/SPC	3=F C/APC	7=F C/U/PC						

Note: 1. Central Wavelength can be customized for different applications.
2. All specifications are subject to change without notice.
3. All data are measured at central wavelength at room temperature.